

# 196 Contractor Cost Data Reporting

Functional Group ID=**PK**

## Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Contractor Cost Data Reporting Transaction Set (196) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to support contractor cost reporting requirements for actual costs and estimates at completion associated with major research and development (R&D) and production contracts or programs. This includes nonrecurring and recurring costs by work breakdown structure elements summarizing all activities on a contract or proposal; non recurring and recurring functional cost or hour categories for selected work breakdown structure elements; progress curve (learning curve) information detailing unit or average lot data by functional cost or hour categories; and summary contractor business base information such as indirect expenses, rates, and resources. This information can be used to evaluate contractor proposals, make cost projections of a given program, develop historical data bases to develop statistical techniques, and make independent cost analysis of new acquisitions. This transaction set can be used to convey proposed, initial, progress, updated, or final (end of contract) cost information.

## Notes:

- 1. The 196 transaction set is designed to support the Contractor Cost Data Reporting (CCDR) 1921 series of formats for the U.S. Department of Defense (DoD). The four formats are the Cost Data Summary Report (DD Form 1921), the Functional Cost-Hour Report (DD Form 1921-1), the Progress Curve Report (DD Form 1921-2), and the Plant-Wide Data Report (DD Form 1921-3). For specific information about the report formats and the data that needs to be conveyed in these reports, obtain a copy of the Contractor Cost Data Reporting (CCDR) Handbook. This handbook is needed for specific instructions and data requirement references.*
- 2. A single transaction set may contain one or more of the Contractor Cost Data Report formats. Refer to the implementation notes throughout this convention for more information about the specific requirements for each report format.*
- 3. This implementation convention is designed to be used when a Contract Data Requirements List (CDRL) for a given contract specifies the Contractor Cost Data Report formats. The approved CCDR Plan defines the data content and report requirements. This convention assumes the data will be moving in one direction only - from the contractor or organization performing the work on a contract to the government customer.*
- 4. There are two appendices available for this implementation convention. One is an example appendix titled "Examples - Contractor Cost Data Reporting Transaction Set (196)"; the other provides a series of cross reference tables titled "196 Cross References". The cross reference tables include a segment and data element cross reference by DD form, an HL and CLI segment map by DD form, and a DD from cross reference to the 196 transaction set. These appendices can be found on the National Institute of Standards (NIST) world wide web site. These appendices provide additional information on how to use*

*the 196 transaction set for the contractor cost data report formats.*

### Heading:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
3	010	ST	Transaction Set Header	M	1		
4	020	BCM	Beginning Segment for Contractor Cost Data Reporting	M	1		
8	030	DTP	Date or Time or Period	O	>1		
9	040	REF	Reference Identification	O	>1		
LOOP ID - N1						>1	
11	060	N1	Name	M	1		
13	070	N2	Additional Name Information	O	2		
14	080	N3	Address Information	O	2		
15	090	N4	Geographic Location	O	1		
LOOP ID - G61						>1	
16	100	G61	Contact	O	1		
18	110	DTM	Date/Time Reference	O	>1		

### Detail:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
LOOP ID - HL						>1	
19	010	HL	Hierarchical Level	M	1		
22	020	CRT	Contractor Report Type	O	1		
26	030	BSD	Breakdown Structure Description	O	1		
29	040	CLI	Cost Line Item	O	1		
33	050	CAL	Calendar	O	1		
36	060	REF	Reference Identification	O	>1		
38	070	AMT	Monetary Amount	O	>1		
40	080	QTY	Quantity	O	>1		
43	090	RPA	Rate Amounts or Percents	O	>1		
45	100	PCT	Percent Amounts	O	>1		
46	110	DTM	Date/Time Reference	O	>1		
48	120	PID	Product/Item Description	O	>1		
50	130	MEA	Measurements	O	>1		
53	140	MSG	Message Text	O	>1		
LOOP ID - PD						>1	
Not Used	150	PD	Pricing Data	O	1		
Not Used	160	REF	Reference Identification	O	>1		
Not Used	170	PDD	Pricing Data Detail	O	>1		
Not Used	180	MSG	Message Text	O	>1		
54	200	SE	Transaction Set Trailer	M	1		

**Segment:** **ST** Transaction Set Header  
**Position:** 010  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the start of a transaction set and to assign a control number  
**Syntax Notes:**  
**Semantic Notes:** 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).  
**Comments:**

#### Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 196 Contractor Cost Data Reporting	M ID 3/3
Must Use	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set <i>A unique number assigned by the originator of the transaction set or by the originator's application program. This number is the same as the number in SE02.</i>	M AN 4/9

**Segment:** **BCM** Beginning Segment for Contractor Cost Data Reporting

**Position:** 020

**Loop:**

**Level:** Heading

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To indicate the beginning of the contractor cost data reports and transmit identifying numbers, descriptions, action codes, program and contract type, funding identification, and security level

**Syntax Notes:** 1 At least one of BCM04 or BCM05 is required.

**Semantic Notes:** 1 BCM02 is the transaction set effective date.  
2 BCM03 is the report effective date.  
3 BCM05 is used to describe the report.  
4 BCM08 is used to describe other unlisted program types.

**Comments:**

## Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	BCM01	353	Transaction Set Purpose Code Code identifying purpose of transaction set	M ID 2/2
			00 Original <i>This code is typically used for a new or ongoing contract.</i>	
			05 Replace <i>Use this code to over write any previously transmitted data (i.e., old data is deleted and new data is entered into the database).</i>	
			22 Information Copy <i>Use this code when directed to send information copies to named parties on a specified distribution list.</i>	
Must Use	BCM02	373	Date Date expressed as CCYYMMDD <i>Enter the date the data report was created. This date is used for reference purposes only.</i>	M DT 8/8
Must Use	BCM03	373	Date Date expressed as CCYYMMDD <i>1. Enter the as of date for the CCDR report. When more than one CCDR format is required (for example, the DD Forms 1921, 1921-1 and 1921-2 are sent at the same time), this as of date should be the same for all report formats.</i>	M DT 8/8

		<b>2. Enter the Report Ending date for the DD Form 1921-2.</b>	
		<b>3. Enter the Report Period Ending date for the DD Form 1921-3.</b>	
<b>BCM04</b>	<b>367</b>	<b>Contract Number</b>	<b>X AN 1/30</b>
		Contract number	
		<i>This contract number is required for the DD Forms 1921, 1921-1, and 1921-2 for current or existing contracts.</i>	
<b>BCM05</b>	<b>369</b>	<b>Free-form Description</b>	<b>X AN 1/45</b>
		Free-form descriptive text	
		<i>This program name or title is required for the DD Forms 1921, 1921-1, and 1921-2. For the DD Form 1921-3, enter text "Plant Wide Report".</i>	
<b>BCM06</b>	<b>1308</b>	<b>Contract Action Code</b>	<b>O ID 2/2</b>
		Code identifying the expected resultant type of contract action or current type of contract action	
		<i>This is required for the DD Forms 1921 and 1921-1 and applies to all information conveyed in the 196 transaction set.</i>	
		CO	Existing Contract
		PE	Program Estimate
		<i>If the Program Estimate is for a proposal, include the Request for Proposal (RFP) number in the REF (Reference) segment (1/REF/040). If the Program Estimate is for work beyond the current contract requirements, include the Contract Number (BCM04).</i>	
		RP	Request for Proposal
<b>BCM07</b>	<b>1193</b>	<b>Program Type Code</b>	<b>O ID 2/2</b>
		Codes identifying a program type	
		<i>This is required for the DD Forms 1921 and 1921-1 and applies to all information conveyed in the 196 transaction set.</i>	
		01	Research, Development, Test & Evaluation (RDT&E)
		04	Other
		05	Procurement
<b>BCM08</b>	<b>369</b>	<b>Free-form Description</b>	<b>O AN 1/45</b>
		Free-form descriptive text	
		<i>Enter the appropriation title when BCM07 is code 04 for other appropriations.</i>	
<b>BCM09</b>	<b>1198</b>	<b>Contracting Funding Code</b>	<b>O ID 2/2</b>
		Code identifying the funding type	
		<i>This code is required for the DD Forms 1921, 1921-1, and 1921-2.</i>	
		01	Multi-Year Procurement
		Contract procurement that extends beyond one year	

- 02 Incrementally Funded Contract (INC)  
Contract funded in increments based on agreed performance criteria
- 03 Contract for a Single Year (SYC)  
Funding for a contract for a single, specific year

**BCM10 1166 Contract Type Code O ID 2/2**

Code identifying a contract type

***This code is required for the DD Form 1921. When code OC for Other Contract Type is used, describe the type of contract using the REF (Reference) segment (1/REF/040).***

- CA Cost Plus Incentive Fee (With Performance Incentives)
- CH Cost Sharing
- CP Cost Plus
- CW Cost Plus Award Fee
- CX Cost Plus Fixed Fee
- CY Cost Plus Incentive Fee
- FB Fixed Price Incentive Firm Target (With Performance Incentive)
- FD Fixed Price Redetermination
- FE Fixed Price with Escalation
- FF Fixed Price Incentive Successive Target (With Performance Incentive)
- FH Fixed Price Award Fee
- FI Fixed Price Incentive
- FJ Fixed Price Level of Effort
- FM Retroactive Fixed Price Redetermination
- FR Firm Fixed Price
- FX Fixed Price with Economic Price Adjustment
- OC Other Contract Type  
A type of contract which is neither covered by an existing code nor previously mutually defined  
***Use this code for other, non listed contract types or when there is a mixture of contract types.***

**BCM11 786 Security Level Code O ID 2/2**

Code indicating the level of confidentiality assigned by the sender to the information following

***All data conveyed in the 196 Transaction Set is assumed to be government non-classified information and company proprietary information (use code 11). As an option, a contractor may want to make an entry to indicate that the data is supplier proprietary (code 06) when supplier data is submitted separately. This security level reference applies to all information conveyed in the 196 transaction set. All other***

*security data elements in this transaction set are marked as not used.*

06 Supplier Proprietary  
11 Competition Sensitive

**Not Used**    **BCM12**    **100**    **Currency Code**    **O ID 3/3**

Code (Standard ISO) for country in whose currency the charges are specified

**Segment:** **DTP** **Date or Time or Period**  
**Position:** 030  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify any or all of a date, a time, or a time period  
**Syntax Notes:**  
**Semantic Notes:** 1 DTP02 is the date or time or period format that will appear in DTP03.  
**Comments:**

#### Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Must Use	DTP01	374 Date/Time Qualifier	M ID 3/3
		Code specifying type of date or time, or both date and time	
		581 Contract Period	
		<i>This code is used to convey the fiscal years over which the contract is funded (the Funding Years reference) for the DD Forms 1921, 1921-1, and 1921-2. This information is required for these forms.</i>	
		582 Report Period	
		<i>This code is used to convey the funded fiscal year(s) that the report represents when there are contract options (the Fiscal Year(s) Funded reference) for the DD Forms 1921, 1921-1, and 1921-2. This information is required when applicable for these forms.</i>	
Must Use	DTP02	1250 Date Time Period Format Qualifier	M ID 2/3
		Code indicating the date format, time format, or date and time format	
		RD4 Range of Years Expressed in Format CCYY-CCYY	
		<i>Use this code when there is more than one fiscal year.</i>	
		YY Last Two Digits of Year Expressed in Format CCYY	
		The year in the century (00 to 99)	
		<i>Use this code when the fiscal year reference is for a single year.</i>	
Must Use	DTP03	1251 Date Time Period	M AN 1/35
		Expression of a date, a time, or range of dates, times or dates and times	



<b>Segment:</b>	<b>REF</b> Reference Identification
<b>Position:</b>	040
<b>Loop:</b>	
<b>Level:</b>	Heading
<b>Usage:</b>	Optional
<b>Max Use:</b>	>1
<b>Purpose:</b>	To specify identifying information
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 At least one of REF02 or REF03 is required.</li> <li>2 If either C04003 or C04004 is present, then the other is required.</li> <li>3 If either C04005 or C04006 is present, then the other is required.</li> </ol>
<b>Semantic Notes:</b>	<ol style="list-style-type: none"> <li>1 REF04 contains data relating to the value cited in REF02.</li> </ol>
<b>Comments:</b>	
<b>Notes:</b>	<i>Use this REF segment to convey reference information that applies to the entire 196 transaction set. For specific report, reporting element, or line item references, use the REF segment in Table 2.</i>

Data Element Summary			
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u> <u>Name</u>	<u>Attributes</u>
Must Use	REF01	128   Reference Identification Qualifier	M   ID 2/3
		Code qualifying the Reference Identification	
		2G   Amendment	
		<i>Use this code for the DD Forms 1921, 1921-1, and 1921-2.</i>	
		39   Proposal Number	
		55   Sequence Number	
		<i>Use this code to provide a unique reference number for this Contractor Cost Data Reporting (196) transaction set. Enter the unique reference number for this transaction set in REF02. Use this code only one time for each 196 transaction set.</i>	
		CT   Contract Number	
		<i>Use this code when BCM10 (Contract Type Code) is code OC for Other Contract Type.</i>	
	REF02	127   Reference Identification	X   AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
		<i>Enter the Amendment or Proposal number when REF01 is code 2G or 39. Enter the unique reference number for this transaction set when REF01 is code 55.</i>	
	REF03	352   Description	X   AN 1/80
		A free-form description to clarify the related data elements and their content	
		<i>Enter the description of the other contract type or mixture of contract</i>	

*types when REF01 is code CT. This is used when BCM10 is used to indicate Other Contract Types (code OC).*

Not Used	REF04	C040	<b>Reference Identifier</b>	<b>O</b>	
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier		
Not Used	C04001	128	<b>Reference Identification Qualifier</b>	<b>M</b>	<b>ID 2/3</b>
			Code qualifying the Reference Identification		
Not Used	C04002	127	<b>Reference Identification</b>	<b>M</b>	<b>AN 1/30</b>
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	C04003	128	<b>Reference Identification Qualifier</b>	<b>X</b>	<b>ID 2/3</b>
			Code qualifying the Reference Identification		
Not Used	C04004	127	<b>Reference Identification</b>	<b>X</b>	<b>AN 1/30</b>
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	C04005	128	<b>Reference Identification Qualifier</b>	<b>X</b>	<b>ID 2/3</b>
			Code qualifying the Reference Identification		
Not Used	C04006	127	<b>Reference Identification</b>	<b>X</b>	<b>AN 1/30</b>
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		

<b>Segment:</b>	<b>N1</b> Name
<b>Position:</b>	060
<b>Loop:</b>	N1 Mandatory
<b>Level:</b>	Heading
<b>Usage:</b>	Mandatory
<b>Max Use:</b>	1
<b>Purpose:</b>	To identify a party by type of organization, name, and code
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 At least one of N102 or N103 is required.</li> <li>2 If either N103 or N104 is present, then the other is required.</li> </ol>
<b>Semantic Notes:</b>	
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.</li> <li>2 N105 and N106 further define the type of entity in N101.</li> </ol>
<b>Notes:</b>	<i>Whenever possible, identification and address information should be provided using N101, N103, and N104. Use N102 and segments N2, N3, and N4 as applicable when this information cannot be provided by using one of the codes listed in N103.</i>

## Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N101	98 Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		28 Subcontractor	
		MP Manufacturing Plant	
		<i>Use this code for the DD Form 1921-3 to identify the specific contractor plant or division that the report applies to. If possible, identify by using one of the codes in N103. If this information cannot be provided by using one of the codes in N103, enter the company name in N102 and the division or plant name in the N2 segment. This code is required for DD Form 1921-3.</i>	
		PG Prime Contractor	
		<i>Typically, this code is used for the reporting contractor. In the event a subcontractor is reporting separately, the subcontractor should use code 28.</i>	
		SU Supplier/Manufacturer	
		<i>Use this code to indicate an associate (to a Prime) contractor. Typically this is a contractor teamed with a Prime Contractor.</i>	
		TO Message To	
		<i>Use this code to identify the organization receiving</i>	

			<i>the data.</i>	
		ZD	Party to Receive Reports	
			The organization designated to receive reports	
			<i>Use this code to identify the organization that receives an information copy of the data.</i>	
	N102	93	<b>Name</b>	<b>X AN 1/60</b>
			Free-form name	
	N103	66	<b>Identification Code Qualifier</b>	<b>X ID 1/2</b>
			Code designating the system/method of code structure used for Identification Code (67)	
		1	D-U-N-S Number, Dun & Bradstreet	
		9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
		10	Department of Defense Activity Address Code (DODAAC)	
		33	Commercial and Government Entity (CAGE)	
	N104	67	<b>Identification Code</b>	<b>X AN 2/80</b>
			Code identifying a party or other code	
Not Used	N105	706	<b>Entity Relationship Code</b>	<b>O ID 2/2</b>
			Code describing entity relationship	
Not Used	N106	98	<b>Entity Identifier Code</b>	<b>O ID 2/3</b>
			Code identifying an organizational entity, a physical location, property or an individual	

**Segment:** **N2** Additional Name Information

**Position:** 070

**Loop:** N1 Mandatory

**Level:** Heading

**Usage:** Optional

**Max Use:** 2

**Purpose:** To specify additional names or those longer than 35 characters in length

**Syntax Notes:**

**Semantic Notes:**

**Comments:**

**Notes:** *This segment should only be used when N102 is used and it is necessary to provide additional name information. Enter the division or plant name in this segment when the information cannot be provided by using one of the codes listed in N103.*

#### Data Element Summary

	<b>Ref.</b>	<b>Data</b>		
	<b><u>Des.</u></b>	<b><u>Element</u></b>	<b><u>Name</u></b>	<b><u>Attributes</u></b>
<b>Must Use</b>	<b>N201</b>	<b>93</b>	<b>Name</b>	<b>M AN 1/60</b>
			Free-form name	
	<b>N202</b>	<b>93</b>	<b>Name</b>	<b>O AN 1/60</b>
			Free-form name	

**Segment:** **N3** Address Information  
**Position:** 080  
**Loop:** N1 Mandatory  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify the location of the named party  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**  
**Notes:** *This segment should only be used when N102 is used.*

Data Element Summary				
	<b>Ref.</b>	<b>Data</b>		
	<b><u>Des.</u></b>	<b><u>Element</u></b>	<b><u>Name</u></b>	<b><u>Attributes</u></b>
Must Use	N301	166	Address Information	M AN 1/55
			Address information	
	N302	166	Address Information	O AN 1/55
			Address information	

**Segment:** **N4 Geographic Location**  
**Position:** 090  
**Loop:** N1 Mandatory  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the geographic place of the named party  
**Syntax Notes:** 1 If N406 is present, then N405 is required.  
**Semantic Notes:**  
**Comments:** 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.  
2 N402 is required only if city name (N401) is in the U.S. or Canada.  
**Notes:** *This segment should only be used when N102 is used.*

#### Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N401	19	City Name		O AN 2/30
			Free-form text for city name		
Must Use	N402	156	State or Province Code		O ID 2/2
			Code (Standard State/Province) as defined by appropriate government agency		
Must Use	N403	116	Postal Code		O ID 3/15
			Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		
	N404	26	Country Code		O ID 2/3
			Code identifying the country		
Not Used	N405	309	Location Qualifier		X ID 1/2
			Code identifying type of location		
Not Used	N406	310	Location Identifier		O AN 1/30
			Code which identifies a specific location		

**Segment:** **G61** Contact

**Position:** 100

**Loop:** G61 Optional (Must Use)

**Level:** Heading

**Usage:** Optional (Must Use)

**Max Use:** 1

**Purpose:** To identify a person or office to whom communications should be directed

**Syntax Notes:** 1 If either G6103 or G6104 is present, then the other is required.

**Semantic Notes:**

**Comments:** 1 G6103 qualifies G6104.

**Notes:** *At least one repetition of the G61 segment is required per transaction set to identify a contact person for the report. Identify the preferred method of communication in the first repetition. Use additional repetitions to identify any alternate communication methods.*

## Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	G6101	366	Contact Function Code		M ID 2/2
			Code identifying the major duty or responsibility of the person or group named		
			PP	Program Manager	
				<i>Use this code to identify the receiving Program Manager or Program Office if applicable. This code is optional.</i>	
			PU	Report Preparer	
				<i>This code is required. Use this code to identify the contact person for the report.</i>	
Must Use	G6102	93	Name		M AN 1/60
			Free-form name		
				<i>Enter the name of the person. Provide the last name, first name, and middle initial if available. Include blank spaces between name components and periods after initials. Omit the comma between the last name and first name.</i>	
Must Use	G6103	365	Communication Number Qualifier		X ID 2/2
			Code identifying the type of communication number		
			EM	Electronic Mail	
			FX	Facsimile	
				<i>Use to identify the facsimile (FAX) telephone number.</i>	
			TE	Telephone	
				<i>Use to identify the commercial telephone number. Include the area code, number, and extension when applicable.</i>	



<b>Must Use</b>	<b>G6104</b>	<b>364</b>	<b>Communication Number</b>	<b>X AN 1/80</b>
			Complete communications number including country or area code when applicable <i>Do not include blank spaces, dashes, or parentheses between numbers.</i>	
	<b>G6105</b>	<b>443</b>	<b>Contact Inquiry Reference</b>	<b>O AN 1/20</b>
			Additional reference number or description to clarify a contact number <i>Use this data element to enter the title of person named in G6102. This is optional information.</i>	

**Segment: DTM Date/Time Reference****Position:** 110**Loop:** G61 Optional (Must Use)**Level:** Heading**Usage:** Optional (Must Use)**Max Use:** >1**Purpose:** To specify pertinent dates and times

- Syntax Notes:**
- 1 At least one of DTM02 DTM03 or DTM05 is required.
  - 2 If DTM04 is present, then DTM03 is required.
  - 3 If either DTM05 or DTM06 is present, then the other is required.

**Semantic Notes:****Comments:****Notes:** *This segment is required.***Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	DTM01	374	Date/Time Qualifier		M ID 3/3
				Code specifying type of date or time, or both date and time	
			275	Approved	
				Date report was approved by contractor representative	
				<i>Use this code to indicate the date the report was "signed" and approved for transmission by the report preparer.</i>	
Must Use	DTM02	373	Date		X DT 8/8
				Date expressed as CCYYMMDD	
Not Used	DTM03	337	Time		X TM 4/8
				Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
Not Used	DTM04	623	Time Code		O ID 2/2
				Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
Not Used	DTM05	1250	Date Time Period Format Qualifier		X ID 2/3
				Code indicating the date format, time format, or date and time format	
Not Used	DTM06	1251	Date Time Period		X AN 1/35
				Expression of a date, a time, or range of dates, times or dates and times	

**Segment:** **HL** Hierarchical Level  
**Position:** 010  
**Loop:** HL Mandatory  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To identify dependencies among and the content of hierarchically related groups of data segments

**Syntax Notes:****Semantic Notes:**

- Comments:**
- 1** The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.  
The HL segment defines a top-down/left-right ordered structure.
  - 2** HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
  - 3** HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
  - 4** HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
  - 5** HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

**Notes:** *The HL segment is used in combination with the other segments in Table 2 to convey the information in the DD 1921 forms. The HL codes identify the various levels or groupings of data in a given report format. HL01 and HL02 are used to identify the relationships or hierarchy of the information conveyed.*

**Data Element Summary**

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	HL01	628 Hierarchical ID Number	M AN 1/12
		A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	
		<i>Sequential number to identify the item.</i>	
	HL02	734 Hierarchical Parent ID Number	O AN 1/12
		Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to	
		<i>1. This Parent ID Number is not required at the originating top level for a given transmission. There should only be one originating top level HL entry per transmission.</i>	

<p><b>2. This Parent ID Number reference is required for all lower level HL records. Enter the Hierarchical ID Number (HL01) entered for the related (one level above or parent) HL record in this data element.</b></p>			
Must Use	HL03	735	<p><b>Hierarchical Level Code</b> <span style="float: right;"><b>M ID 1/2</b></span></p> <p>Code defining the characteristic of a level in a hierarchical structure</p> <p><b>1. Use codes RP, WB, and CE for the DD Form 1921.</b></p> <p><b>2. Use codes RP, WB, FC, 5, and C for the DD Form 1921-1.</b></p> <p><b>3. Use codes RP, WB, I, UT, and FC for the DD Form 1921-2.</b></p> <p><b>4. Use codes RP, 9, FC, and C for the DD Form 1921-3.</b></p>
		5	<p>Category</p> <p>Code identifying the sub-division of the group</p> <p><b>Use for the DD Form 1921-1, Section C and D. Categories for this form, Section C and D are defined as functional categories such as engineering, tooling, quality control, and manufacturing. These categories are defined in the CLI (Cost Line Item) segment.</b></p>
		9	<p>Line Detail</p> <p>Code identifying the supporting detail associated with the charge or group</p> <p><b>Use for the DD Form 1921-3. This is used to identify a specific line number for Sections A and B on the form.</b></p>
		C	<p>Date</p> <p><b>Use for the DD Forms 1921-1 and 1921-3.</b></p>
		CE	<p>Cost Element</p> <p>A element of cost within a total proposed price</p> <p><b>Use for the DD Form 1921. A Cost Element for this form is defined a category of cost such as recurring or non-recurring costs. These cost elements may be further broken down by contractor or subcontractor references in the CLI (Cost Line Item) segment.</b></p>
		FC	<p>Function Code</p> <p>A function within a larger set describing the total work to be performed</p> <p><b>Use for the DD Forms 1921-1, 1921-2, and 1921-3. Functional Categories for these forms are defined as functional groups such as manufacturing, tooling, quality control, and engineering. It may</b></p>

				<p><i>also be used to identify a contractor or subcontractor category reference. These Functional Categories are defined in the CLI (Cost Line Item) segment.</i></p>
	I		Item	<p><i>Use for the DD Form 1921-2. This is used to identify the item (column) reference on this form and is used in combination with the CLI (Cost Line Item) segment.</i></p>
	RP		Report	<p>The level of the hierarchical structure used to identify basic report information</p> <p><i>Use for all the report forms. This is the highest reporting level (or parent) for all the forms and is used in combination with the CRT (Contractor Report Type) segment.</i></p>
	UT		Unit or Lot	<p><i>Use for the DD Form 1921-2. This is used to identify the unit or column references for this form and is used in combination with the CLI (Cost Line Item) segment. It is subordinate to the Item (HL03 is I) HL reference.</i></p>
	WB		Work Breakdown Structure	<p>An individual element of work portrayed in tree structure stages of the total performance of a contract</p> <p><i>Use for the DD Form 1921, 1921-1, 1921-2. This is used to identify the reporting element and is used in combination with the BSD (Breakdown Structure Description) segment. Note that the combination of HL and BSD can be used to describe the hierarchy of the Work Breakdown Structure codes.</i></p>
Not Used	HL04	736	Hierarchical Child Code	O ID 1/1
			Code indicating if there are hierarchical child data segments subordinate to the level being described	

**Segment:** **CRT** Contractor Report Type  
**Position:** 020  
**Loop:** HL Mandatory  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To identify the contractor report type, type of units reported, status information, and related reporting details

**Syntax Notes:**

- Semantic Notes:**
- 1 CRT02 indicates the unit type used for monetary amounts (e.g., values are in thousands) for the entire report.
  - 2 CRT03 indicates the unit type for quantities (e.g., quantities in thousands) for the entire report.
  - 3 CRT06 indicates whether all report values are unit total values or unit average values.
  - 4 CRT09 is used to describe other unlisted program types.

**Comments:****Data Element Summary**

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	CRT01	755	<b>Report Type Code</b>	<b>M ID 2/2</b>
			Code indicating the title or contents of a document, report or supporting item	
		C1	Cost Data Summary	
			<i>Use this code for the DD Form 1921.</i>	
		C2	Functional Cost and Hour	
			<i>Use this code for the DD Form 1921-1.</i>	
		C3	Progress Curve	
			<i>Use this code for the DD Form 1921-2.</i>	
		C4	Plant-Wide Data	
			<i>Use this code for the DD Form 1921-3.</i>	
Must Use	CRT02	C001	<b>Composite Unit of Measure</b>	<b>O</b>
			To identify a composite unit of measure (See Figures Appendix for examples of use)	
Must Use	C00101	355	<b>Unit or Basis for Measurement Code</b>	<b>M ID 2/2</b>
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			<i>This code is required for all the report forms to indicate if monetary amounts have been factored (for example, numbers represent dollars in thousands). All monetary amounts are assumed to be in U.S. dollars.</i>	
		DO	Dollars, U.S.	
			<i>Use this code when the monetary amounts have</i>	

***NOT been factored.***

			R5	Thousands of Dollars	
			R6	Millions of Dollars	
			R7	Billions of Dollars	
Not Used	C00102	1018	<b>Exponent</b>		O R 1/15
			Power to which a unit is raised		
Not Used	C00103	649	<b>Multiplier</b>		O R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00104	355	<b>Unit or Basis for Measurement Code</b>		O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	C00105	1018	<b>Exponent</b>		O R 1/15
			Power to which a unit is raised		
Not Used	C00106	649	<b>Multiplier</b>		O R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00107	355	<b>Unit or Basis for Measurement Code</b>		O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	C00108	1018	<b>Exponent</b>		O R 1/15
			Power to which a unit is raised		
Not Used	C00109	649	<b>Multiplier</b>		O R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00110	355	<b>Unit or Basis for Measurement Code</b>		O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	C00111	1018	<b>Exponent</b>		O R 1/15
			Power to which a unit is raised		
Not Used	C00112	649	<b>Multiplier</b>		O R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00113	355	<b>Unit or Basis for Measurement Code</b>		O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	C00114	1018	<b>Exponent</b>		O R 1/15
			Power to which a unit is raised		
Not Used	C00115	649	<b>Multiplier</b>		O R 1/10
			Value to be used as a multiplier to obtain a new value		
	CRT03	C001	<b>Composite Unit of Measure</b>		O
			To identify a composite unit of measure (See Figures Appendix for examples of use)		
Must Use	C00101	355	<b>Unit or Basis for Measurement Code</b>		M ID 2/2
			Code specifying the units in which a value is being expressed, or manner		

in which a measurement has been taken

*This code is required for the DD Forms 1921-1 and 1921-2 to indicate if hour quantities have been factored (for example, numbers represent hours in hundreds).*

HR Hours

*Use this code when hour quantities have NOT been factored.*

HU Hundred

TH Thousand

UM Million Units

Measure used to indicate large quantities in multiples of one million

Not Used	C00102	1018	<b>Exponent</b>	<b>O R 1/15</b>
			Power to which a unit is raised	
Not Used	C00103	649	<b>Multiplier</b>	<b>O R 1/10</b>
			Value to be used as a multiplier to obtain a new value	
Not Used	C00104	355	<b>Unit or Basis for Measurement Code</b>	<b>O ID 2/2</b>
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00105	1018	<b>Exponent</b>	<b>O R 1/15</b>
			Power to which a unit is raised	
Not Used	C00106	649	<b>Multiplier</b>	<b>O R 1/10</b>
			Value to be used as a multiplier to obtain a new value	
Not Used	C00107	355	<b>Unit or Basis for Measurement Code</b>	<b>O ID 2/2</b>
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00108	1018	<b>Exponent</b>	<b>O R 1/15</b>
			Power to which a unit is raised	
Not Used	C00109	649	<b>Multiplier</b>	<b>O R 1/10</b>
			Value to be used as a multiplier to obtain a new value	
Not Used	C00110	355	<b>Unit or Basis for Measurement Code</b>	<b>O ID 2/2</b>
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00111	1018	<b>Exponent</b>	<b>O R 1/15</b>
			Power to which a unit is raised	
Not Used	C00112	649	<b>Multiplier</b>	<b>O R 1/10</b>
			Value to be used as a multiplier to obtain a new value	
Not Used	C00113	355	<b>Unit or Basis for Measurement Code</b>	<b>O ID 2/2</b>
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00114	1018	<b>Exponent</b>	<b>O R 1/15</b>
			Power to which a unit is raised	



Not Used	C00115	649	<b>Multiplier</b>	<b>O R 1/10</b>
			Value to be used as a multiplier to obtain a new value	
Not Used	CRT04	1196	<b>Breakdown Structure Detail Code</b>	<b>O ID 2/2</b>
			Codes identifying details relating to a reporting breakdown structure tree	
	CRT05	306	<b>Action Code</b>	<b>O ID 1/2</b>
			Code indicating type of action	
			<i><b>This code is required for the DD Forms 1921, 1921-1, and 1921-2.</b></i>	
			F	Final
			IN	Interim
			<i><b>This code is required for all open or ongoing contracts.</b></i>	
			IT	Initiate
			<i><b>Use this code if this transmission is the first time CCDR information for a given contract is being sent to the customer, i.e., it is initial information for a given contract.</b></i>	
	CRT06	562	<b>Rate or Value Type Code</b>	<b>O ID 1/2</b>
			Code identifying method used to determine the type of rate, value, or percent details	
			<i><b>This code is required for the DD Form 1921-2. Use the code that applies for the entire report.</b></i>	
			UA	Unit or Lot Average
			UT	Unit Total
Not Used	CRT07	1308	<b>Contract Action Code</b>	<b>O ID 2/2</b>
			Code identifying the expected resultant type of contract action or current type of contract action	
Not Used	CRT08	1193	<b>Program Type Code</b>	<b>O ID 2/2</b>
			Codes identifying a program type	
Not Used	CRT09	369	<b>Free-form Description</b>	<b>O AN 1/45</b>
			Free-form descriptive text	
Not Used	CRT10	786	<b>Security Level Code</b>	<b>O ID 2/2</b>
			Code indicating the level of confidentiality assigned by the sender to the information following	

<b>Segment:</b>	<b>BSD</b> Breakdown Structure Description
<b>Position:</b>	030
<b>Loop:</b>	HL Mandatory
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	1
<b>Purpose:</b>	To define discrete line items within industry or government reports
<b>Syntax Notes:</b>	1 At least one of BSD02 or BSD03 is required.
<b>Semantic Notes:</b>	1 BSD05 is the summary level structure code reference. 2 BSD07 is the summary level reporting structure identification.
<b>Comments:</b>	
<b>Notes:</b>	<p><i>1. This segment is used for the reporting element detail for the DD Forms 1921, 1921-1, and 1921-2.</i></p> <p><i>2. For the DD Form 1921, if this transmission is the first time CCDR information for a given contract is being sent to the customer, include ALL WBS elements, including GFE items. For all ongoing contracts, only transmit those WBS elements that have associated monetary values (do not include GFE items).</i></p>

## Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	BSD01	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
			74 Work Breakdown Structure (WBS)	
			A product-oriented family tree composed of hardware, software, services, and data that completely defines the project or program	
Must Use	BSD02	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
			<i>Enter the Work Breakdown Structure element code. This data element is required for the DD Forms 1921, 1921-1, and 1921-2.</i>	
	BSD03	352	Description	X AN 1/80
			A free-form description to clarify the related data elements and their content	
			<i>1. Enter the Work Breakdown Structure reporting element description. This description is recommended for the DD Forms 1921, 1921-1, and 1921-2.</i>	
			<i>2. This description can also be used to include the name of a subcontractor along with the element description if needed. If a reporting element is assigned to one subcontractor, include the name of the subcontractor in the description if applicable and available. If there is more than one subcontractor assigned to a reporting element and it is</i>	

*necessary to provide cost detail at the subcontractor level, use additional iterations of the CLI segment using CLI04 to identify each subcontractor. If there is more than one subcontractor assigned to a reporting element and a simple list of who they are is needed (i.e., cost values are not broken down by each subcontractor), use multiple iterations of the REF segment (2/REF/060) to name them.*

*3. If used for the DD Form 1921 bottom line information (for example, Total Cost Less G&A, G&A, Cost of Money), enter the description of the item. For example, for the Total Cost Less G&A information enter the text string "Total Cost Less G&A".*

**BSD04      1178      Level      O      AN 1/3**  
Reporting structure identification

*Enter the reporting structure level number for the element code entered in BSD02. This data element is required for the DD Form 1921.*

**BSD05      127      Reference Identification      O      AN 1/30**  
Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

*This data element is used for the DD Form 1921 to enter the parent element code for the element code entered in BSD02. This is required for all lower level element codes (a level 1 code will not have a parent element). Leave this data element blank when BSD04 is "1" for level 1.*

**BSD06      1196      Breakdown Structure Detail Code      O      ID 2/2**  
Codes identifying details relating to a reporting breakdown structure tree

*1. Code 59 is used for the DD Form 1921 to identify GFE reporting elements. For GFE reporting elements, monetary amounts and quantity details are not included.*

*2. Codes 26, 27, 28, 29, and 30 used for the DD Form 1921-1 to identify if the information for the reporting element is broken down into recurring, nonrecurring, total, nonrecurring and total, or recurring and total values. This break down notation is required for the DD Form 1921-1.*

26	Recurring
	Costs that will incur continually over the life of the contract
27	Nonrecurring
	Costs that will only be incurred once
28	Total
29	Nonrecurring and Total
30	Recurring and Total
59	Government Furnished Equipment
	Government property provided to a contractor that is of a capital nature, including equipment, machine

tools, test equipment, etc.; used in manufacturing or providing services in performance of a government contract

**BSD07      1178      Level      O      AN 1/3**

Reporting structure identification

*This data element is used for the DD Form 1921 to enter the parent element code (BSD05) level number. This is required for all lower level element codes (a level 1 code will not have a parent element). Leave this data element blank when BSD04 is "1" for level 1.*

**Not Used      BSD08      786      Security Level Code      O      ID 2/2**

Code indicating the level of confidentiality assigned by the sender to the information following

<b>Segment:</b>	<b>CLI</b> Cost Line Item
<b>Position:</b>	040
<b>Loop:</b>	HL Mandatory
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	1
<b>Purpose:</b>	To identify the cost line items associated with a specific reporting structure reference (i.e., a work breakdown structure) or summary project level reference
<b>Syntax Notes:</b>	<b>1</b> At least one of CLI01 CLI02 or CLI03 is required.
<b>Semantic Notes:</b>	<b>1</b> CLI03 is a sequential number or identification assigned by the initiator. <b>2</b> CLI05 indicates whether cost line items are lot unit average values or unit average values.
<b>Comments:</b>	<b>1</b> CLI01, CLI02, or CLI03 can be used to describe a cost line item. Typically when CLI03 is used, CLI01 or CLI02 are not used.
<b>Notes:</b>	<i>The combination of the HL segment and this CLI segment is used to convey a variety of information about the reporting line items or columns in the DD 1921 forms. Each form (and sometimes sections within a form) uses the coding available in the CLI segment in a variety of ways to describe the line item or column. Generally, the codes in CLI01 and CLI02 are used to describe the line items or columns. For other user defined types of information, CLI03 and CLI04 are used.</i>

#### Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
CLI01	98	Entity Identifier Code	X ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		<b>1. Use codes 28 and PG for the DD Form 1921.</b>  <b>2. Use codes E6, M9, MT, QQ, TB, TD, and TG for the DD Form 1921 -1. Codes TD and TG are optional.</b>  <b>3. Use codes 28, E6, M9, MT, PG, and TB for the DD Form 1921-2. Codes E6, M9, MT, and TB are used in Section C only.</b>  <b>4. Use codes E6, M9, MT, QQ, TB, TD, and TG for the DD Form 1921 -3.</b>	
		28	Subcontractor
		E6	Engineering
		M9	Manufacturing
		MT	Material
		PG	Prime Contractor
		QQ	Quality Control
		TB	Tooling

		TD	Tooling Design	
		TG	Tooling Fabrication	
<b>CLI02</b>	<b>1196</b>	<b>Breakdown Structure Detail Code</b>		<b>X ID 2/2</b>
		Codes identifying details relating to a reporting breakdown structure tree		
		<b>1. Use codes 26, 27, 28, 33, 34, 35, 36, 37, 39, MR and UB for the DD Form 1921. For the total contract summary information, codes 28, 33, and 35 are required; codes 34, 36, 37, 39, MR, and UB are optional.</b>		
		<b>2. Use codes 01, 02, 03, 07, 09, 28, 33, 34, 35, 36, 37, 38, 39, 42, and 43 for the DD Form 1921-1.</b>		
		<b>3. Use codes 01, 13, 28, 40, 41, 42, 43, and 44 for the DD Form 1921-2.</b>		
		<b>4. Use codes 06, 08, 09, 10, 33, 39, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, and 58 for the DD Form 1921-3.</b>		
		01	Labor	
			Direct labor costs	
		02	Material	
			Direct material	
		03	Other Direct Costs (ODC)	
			Other costs associated with a contract such as freight, travel, postage	
		06	Labor Overhead	
			Indirect costs associated with direct labor	
		07	Material Overhead	
			Indirect costs associated with direct material	
		08	Other Overhead	
			Indirect costs associated with other direct costs	
		09	Total Overhead	
			Total of all indirect costs incurred on a contract	
		10	Total General and Administrative	
			Total of all general and administrative types of indirect costs incurred on a contract	
		13	Manufacturing Labor	
			Direct manufacturing labor	
		26	Recurring	
			Costs that will incur continually over the life of the contract	
		27	Nonrecurring	
			Costs that will only be incurred once	
		28	Total	
		33	General & Administrative	
		34	Cost of Money	

35	Profit or Fee
36	Total Price
37	Total Cost Less General & Administrative
38	Total Cost Plus General & Administrative
39	Other Costs
40	Standard
41	Variance
42	Purchased Equipment
43	Materials and Purchased Items
44	Quality Control Labor
45	Other Government Effort
46	Commercial Effort
47	Total Direct Cost Base
48	Indirect Labor
49	Employee Benefits
50	Payroll Taxes
51	Employment
52	Communications and Travel
53	Production Related
54	Facilities - Building and Land
55	Facilities - Furniture and Equipment
56	Administration
57	Future Business
58	Credits
MR	Management Reserve
UB	Undistributed Budget

**CLI03      350      Assigned Identification      X      AN 1/20**

Alphanumeric characters assigned for differentiation within a transaction set

*Primarily used for the DD Form 1921-2 Section B line items 1 to 7, 32 to 39 and to identify column references (A to G). Also used for the DD Form 1921-3 Section A line references for specific projects or programs.*

**CLI04      369      Free-form Description      O      AN 1/45**

Free-form descriptive text

*1. This description may be required to fully describe a specific cost line item on the various reports (for example, to describe Other Costs). It may also be used to enter the name of a subcontractor when there are multiple subcontractors assigned to a reporting element and reporting is required to be broken down by individual subcontractors.*

*2. For the DD Form 1921-2, it is used to describe the model, series, and characteristics detail of the items being produced.*

*3. For the DD Form 1921-3, it can be used to describe the project or program (Section A). It can also be used to describe any contractor unique overhead category in Section A and B. If desired, a short code reference for these categories can be entered in CLI03 (for example, ENGT1) with a long description entered here (for example, Engineering Type 1 Labor Overhead). If additional text is required to describe the category, use the PID Segment.*

Not Used	CLI05	562	<b>Rate or Value Type Code</b>	<b>O ID 1/2</b>
			Code identifying method used to determine the type of rate, value, or percent details	

	CLI06	1166	<b>Contract Type Code</b>	<b>O ID 2/2</b>
			Code identifying a contract type	

*1. Optional use for the DD Form 1921. Used to note if a line item is on contract or not on contract. Use code AC to note items not on contract; use code FA to note items on contract.*

*2. Used for the DD Form 1921-3 to describe other projects at the contractor's plant. For each program or project, indicate whether it is firm or anticipated business. If the program or project is split between firm and anticipated business, use code 09. This information is required.*

09	Other
AC	Anticipated Contract
FA	Firm or Actual Contract



<b>Segment:</b>	<b>CAL</b> Calendar
<b>Position:</b>	050
<b>Loop:</b>	HL Mandatory
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	1
<b>Purpose:</b>	To identify the calendar and working shift details for the plan or schedule
<b>Syntax Notes:</b>	1 If either CAL14 or CAL15 is present, then the other is required.
<b>Semantic Notes:</b>	1 CAL01 identifies whether a reference number is a calendar or shift.
<b>Comments:</b>	
<b>Notes:</b>	<i>The CAL (Calendar) segment is used to convey start and stop dates and what time group the dates represent, such as a quarter year, previous year, or remaining years. It is only used for the DD Form 1921-3.</i>

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	CAL01	128	<b>Reference Identification Qualifier</b>	<b>M ID 2/3</b>
			Code qualifying the Reference Identification	
			70 Calendar Number	
			Identifies a working calendar (for example, Monday through Friday) for a company, division, or labor group	
Must Use	CAL02	127	<b>Reference Identification</b>	<b>M AN 1/30</b>
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
			<i>1. Requires specific text entry for the DD Form 1921-3 Sections A, B, and C.</i>	
			<i>2. For Section A and B, there are five calendar groups. Enter "Prior Year" for group 1, "Current Year" for group 2, "Out Year 1" for group 3, "Out Year 2" for group 4, and "Out Year 3" for group 5.</i>	
			<i>3. For Section C, there are seven calendar groups. The first four groups are quarter year references. Enter "1" for group 1, "2" for group 2, "3" for group 3, "4" for group 4, "Prior Year" for group 5, "Out Year 1" for group 6, and "Out Year 2" for group 7. Note that "Prior Year" for group 5 is the same as the "Past Year" reference on the DD Form 1921-3, Section C.</i>	
Must Use	CAL03	344	<b>Unit of Time Period or Interval</b>	<b>O ID 2/2</b>
			Code indicating the time period or interval	
			<i>Use code CY for Sections A and B on the DD Form 1921-3. Use codes Q1, Q2, Q3, Q4 for the quarter year references, and code CY for the prior year and out year references for Section C on the DD Form 1921-3.</i>	
			CY	Calendar Year

			Q1	First Quarter		
			Q2	Second Quarter		
			Q3	Third Quarter		
			Q4	Fourth Quarter		
<b>Must Use</b>	<b>CAL04</b>	<b>374</b>	<b>Date/Time Qualifier</b>		<b>O</b>	<b>ID 3/3</b>
			Code specifying type of date or time, or both date and time			
			196	Start		
<b>Must Use</b>	<b>CAL05</b>	<b>373</b>	<b>Date</b>		<b>O</b>	<b>DT 8/8</b>
			Date expressed as CCYYMMDD			
<b>Not Used</b>	<b>CAL06</b>	<b>337</b>	<b>Time</b>		<b>O</b>	<b>TM 4/8</b>
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)			
<b>Not Used</b>	<b>CAL07</b>	<b>623</b>	<b>Time Code</b>		<b>O</b>	<b>ID 2/2</b>
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow			
<b>Not Used</b>	<b>CAL08</b>	<b>678</b>	<b>Ship/Delivery or Calendar Pattern Code</b>		<b>O</b>	<b>ID 1/2</b>
			Code which specifies the routine shipments, deliveries, or calendar pattern			
<b>Must Use</b>	<b>CAL09</b>	<b>374</b>	<b>Date/Time Qualifier</b>		<b>O</b>	<b>ID 3/3</b>
			Code specifying type of date or time, or both date and time			
			197	End		
<b>Must Use</b>	<b>CAL10</b>	<b>373</b>	<b>Date</b>		<b>O</b>	<b>DT 8/8</b>
			Date expressed as CCYYMMDD			
<b>Not Used</b>	<b>CAL11</b>	<b>337</b>	<b>Time</b>		<b>O</b>	<b>TM 4/8</b>
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)			
<b>Not Used</b>	<b>CAL12</b>	<b>623</b>	<b>Time Code</b>		<b>O</b>	<b>ID 2/2</b>
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow			
<b>Not Used</b>	<b>CAL13</b>	<b>678</b>	<b>Ship/Delivery or Calendar Pattern Code</b>		<b>O</b>	<b>ID 1/2</b>
			Code which specifies the routine shipments, deliveries, or calendar pattern			
<b>Not Used</b>	<b>CAL14</b>	<b>673</b>	<b>Quantity Qualifier</b>		<b>X</b>	<b>ID 2/2</b>

<b>Not Used</b>	<b>CAL15</b>	<b>380</b>	Code specifying the type of quantity	<b>X R 1/15</b>
			<b>Quantity</b> Numeric value of quantity	
<b>Not Used</b>	<b>CAL16</b>	<b>369</b>	<b>Free-form Description</b> Free-form descriptive text	<b>O AN 1/45</b>

**Segment:** **REF** **Reference Identification**  
**Position:** 060  
**Loop:** HL Mandatory  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:**

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

**Semantic Notes:**

- 1 REF04 contains data relating to the value cited in REF02.

**Comments:**

#### Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	REF01	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
		3X	Subcontract Number	
			<i>Use this code for DD Form 1921 to list subcontractor names associated with a reporting element. Only use this code when it is necessary to provide a list of subcontractor names and cost values are not broken down by individual subcontractors (use multiple iterations of the CLI segment if cost values must be related to specific named subcontractors). Enter the subcontractor name in REF03.</i>	
		C7	Contract Line Item Number	
			<i>Use this code for the DD Form 1921 to identify a contract line item number (CLIN). If there are multiple CLINs for a Work Breakdown Structure element, use a "/" to delimit them or, if there is range of CLINs, use "-".</i>	
		KQ	Procuring Agency	
			<i>Use this code for the DD Form 1921-3 to identify the procuring or buying agency.</i>	
		YB	Revision Number	
			<i>Use this code for the DD Form 1921-2 to indicate the revision number for the revised Planned Release date. Only one revision number is allowed for each functional category.</i>	
	REF02	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as	

specified by the Reference Identification Qualifier

*An entry in this data element is required when REF01 is code YB.*

	<b>REF03</b>	<b>352</b>	<b>Description</b>	<b>X AN 1/80</b>
			A free-form description to clarify the related data elements and their content	
			<i>An entry in this data element is required when REF01 is code 3X, C7 or KQ.</i>	
<b>Not Used</b>	<b>REF04</b>	<b>C040</b>	<b>Reference Identifier</b>	<b>O</b>
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	
<b>Not Used</b>	<b>C04001</b>	<b>128</b>	<b>Reference Identification Qualifier</b>	<b>M ID 2/3</b>
			Code qualifying the Reference Identification	
<b>Not Used</b>	<b>C04002</b>	<b>127</b>	<b>Reference Identification</b>	<b>M AN 1/30</b>
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
<b>Not Used</b>	<b>C04003</b>	<b>128</b>	<b>Reference Identification Qualifier</b>	<b>X ID 2/3</b>
			Code qualifying the Reference Identification	
<b>Not Used</b>	<b>C04004</b>	<b>127</b>	<b>Reference Identification</b>	<b>X AN 1/30</b>
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
<b>Not Used</b>	<b>C04005</b>	<b>128</b>	<b>Reference Identification Qualifier</b>	<b>X ID 2/3</b>
			Code qualifying the Reference Identification	
<b>Not Used</b>	<b>C04006</b>	<b>127</b>	<b>Reference Identification</b>	<b>X AN 1/30</b>
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

**Segment:** **AMT** Monetary Amount  
**Position:** 070  
**Loop:** HL Mandatory  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To indicate the total monetary amount  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

### Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
Must Use	AMT01	522 Amount Qualifier Code	M ID 1/3

Code to qualify amount

*1. Use codes 28, 30, 32, 33, 55, and D9 for the DD Form 1921. Codes 28, 30, 32, 33 are used for the overall contract amounts (at the report or CRT Segment level). Codes 55 and D9 are used in the body of the report.*

*2. Use codes BM, CA, CR, CU, CV, TX, and TY for the DD Form 1921-1.*

*3. Use codes B, BM, 54, and CX for the DD Form 1921-2. Code BM is optional and is only used in the event corrected amounts need to be conveyed. Code "54" is the Estimate to Complete value.*

*4. Use codes B and CX for the DD Form 1921-3.*

28	Target Price
	The negotiated contract cost plus profit or fee applicable to the defined contract effort
30	Contract Ceiling
	The ceiling price applicable to defined effort
32	Target Fee or Profit Amount
	The fee (can also be percent) of profit that will apply to defined contract effort
33	Original Contract Target Cost
	Value of the original negotiated contract
54	Forecast
	Alternate term for Estimate to Complete (amount of work remaining); or a number to compare to an Estimate to Complete
55	At Complete Forecast
	Alternate term for Estimate at Complete (actual costs)

plus estimate of remaining work ETC); or to  
compare to an Estimate at Complete

B	Estimated
	Indicates the estimated amount
BM	Adjustments
CA	Contractor Cumulative to Date
CR	Contractor at Complete
CU	Subcontractor Cumulative to Date
CV	Subcontractor at Complete
CX	Actual
D9	Cumulative Actual
TX	Total to Date
TY	Total at Complete

**Must Use**    **AMT02**    **782**    **Monetary Amount**    **M R 1/18**

Monetary amount

*Use a maximum of three decimal places.*

**Not Used**    **AMT03**    **478**    **Credit/Debit Flag Code**    **O ID 1/1**

Code indicating whether amount is a credit or debit

**Segment:** **QTY** Quantity  
**Position:** 080  
**Loop:** HL Mandatory  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify quantity information  
**Syntax Notes:** 1 At least one of QTY02 or QTY04 is required.  
 2 Only one of QTY02 or QTY04 may be present.  
**Semantic Notes:** 1 QTY04 is used when the quantity is non-numeric.  
**Comments:**

## Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	QTY01	673	Quantity Qualifier	M ID 2/2
Code specifying the type of quantity				
<i>1. Use code 63 for the DD Form 1921. This is the total number of units to be procured or proposed for the specific reporting element.</i>				
<i>2. Use codes A5, AU, BB, BD, BE, BG, DR, IN, TC, and TD for the DD Form 1921-1.</i>				
<i>3. Use codes A5, AT, AY, KA, MN, PX, ST, and VR for the DD Form 1921-2. Code A5 is optional and is only used in the event corrected quantities need to be conveyed. Code AY is the Estimate To Complete quantity. Codes MN and PX are used at the report level (CRT Segment) - the PX quantity is assumed to be cumulative to date from the beginning of the program.</i>				
<i>4. Use codes 63, DR, and IN for the DD Form 1921-3. Code 63 is used to enter the fiscal year buy quantities for the specific program or project (by year reference noted in a DTM segment).</i>				
		63	On Order Quantity	
		A5	Adjusted Quantity	
		AT	Actual	
		AU	Cumulative Actual	
		AY	Forecast	
		BB	Contractor Cumulative to Date	
		BD	Contractor at Complete	
		BE	Subcontractor Cumulative to Date	
		BG	Subcontractor at Complete	
		DR	Direct Workers	
		IN	Indirect Workers	



			KA	Estimated	
				The quantity shown is an estimated quantity	
			MN	Month	
			PX	Prior Units Accepted	
			ST	Standard	
			TC	Total at Complete	
			TD	Total to Date	
			VR	Variance	
<b>Must Use</b>	<b>QTY02</b>	<b>380</b>	<b>Quantity</b>		<b>X R 1/15</b>
				Numeric value of quantity	
	<b>QTY03</b>	<b>C001</b>	<b>Composite Unit of Measure</b>		<b>O</b>
				To identify a composite unit of measure (See Figures Appendix for examples of use)	
<b>Must Use</b>	<b>C00101</b>	<b>355</b>	<b>Unit or Basis for Measurement Code</b>		<b>M ID 2/2</b>
				Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
				<b>1. Typically quantities represent hours. Use code HR to note this.</b>	
				<b>2. Typically no entry is required when QTY01 is code 63. As an option for the 1921, use code UN for the number of units information.</b>	
				<b>3. For the DD Form 1921-3, the number of direct and indirect workers may be factored - for example, by a hundred, thousand, or million. Use code HU, TH, or UM to note this. If the number is NOT factored, leave this data element blank.</b>	
			HR	Hours	
			HU	Hundred	
			TH	Thousand	
			UM	Million Units	
				Measure used to indicate large quantities in multiples of one million	
			UN	Unit	
				<b>Use this code for the DD Form 1921-1, Section B, lines 2, 3, and 4 column A through G details. As an option, it can also be used for the DD Form 1921.</b>	
<b>Not Used</b>	<b>C00102</b>	<b>1018</b>	<b>Exponent</b>		<b>O R 1/15</b>
				Power to which a unit is raised	
<b>Not Used</b>	<b>C00103</b>	<b>649</b>	<b>Multiplier</b>		<b>O R 1/10</b>
				Value to be used as a multiplier to obtain a new value	
<b>Not Used</b>	<b>C00104</b>	<b>355</b>	<b>Unit or Basis for Measurement Code</b>		<b>O ID 2/2</b>
				Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	

Not Used	C00105	1018	<b>Exponent</b> Power to which a unit is raised	O R 1/15
Not Used	C00106	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00107	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00108	1018	<b>Exponent</b> Power to which a unit is raised	O R 1/15
Not Used	C00109	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00110	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00111	1018	<b>Exponent</b> Power to which a unit is raised	O R 1/15
Not Used	C00112	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00113	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00114	1018	<b>Exponent</b> Power to which a unit is raised	O R 1/15
Not Used	C00115	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	QTY04	61	<b>Free-Form Message</b> Free-form information	X AN 1/30

<b>Segment:</b>	<b>RPA</b> Rate Amounts or Percents
<b>Position:</b>	090
<b>Loop:</b>	HL Mandatory
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	>1
<b>Purpose:</b>	To identify rate amounts or percents for a specific cost or other line item
<b>Syntax Notes:</b>	<b>1</b> At least one of RPA02 RPA03 or RPA05 is required.
<b>Semantic Notes:</b>	
<b>Comments:</b>	
<b>Notes:</b>	<i>The RPA segment is used to convey direct and indirect rates per hour or percents. It is used for the DD Forms 1921-1 and 1921-3. Enter a rate and unit for the rate (for example, per hour), OR a percent. Use this segment to convey overhead and G&amp;A overhead percents (i.e., do not use the PCT (Percent) segment to do this).</i>

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	RPA01	562	Rate or Value Type Code	M ID 1/2
			Code identifying method used to determine the type of rate, value, or percent details	
			<i>Use the code that applies. Use code OI when expressing overhead or G&amp;A percents.</i>	
			AB	Average Basic Rate
			AE	Average Effective Rate
			OI	Overhead or Indirect Rate
Not Used	RPA02	782	Monetary Amount	X R 1/18
			Monetary amount	
	RPA03	118	Rate	X R 1/9
			Rate expressed in the standard monetary denomination for the currency specified	
	RPA04	C001	Composite Unit of Measure	O
			To identify a composite unit of measure (See Figures Appendix for examples of use)	
Must Use	C00101	355	Unit or Basis for Measurement Code	M ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			<i>Make an entry in this data element when RPA03 is used. Use code "HR" - all rates are assumed to be "per hour".</i>	
			HR	Hours
Not Used	C00102	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00103	649	Multiplier	O R 1/10

			Value to be used as a multiplier to obtain a new value	
Not Used	C00104	355	<b>Unit or Basis for Measurement Code</b>	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00105	1018	<b>Exponent</b>	O R 1/15
			Power to which a unit is raised	
Not Used	C00106	649	<b>Multiplier</b>	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00107	355	<b>Unit or Basis for Measurement Code</b>	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00108	1018	<b>Exponent</b>	O R 1/15
			Power to which a unit is raised	
Not Used	C00109	649	<b>Multiplier</b>	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00110	355	<b>Unit or Basis for Measurement Code</b>	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00111	1018	<b>Exponent</b>	O R 1/15
			Power to which a unit is raised	
Not Used	C00112	649	<b>Multiplier</b>	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00113	355	<b>Unit or Basis for Measurement Code</b>	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00114	1018	<b>Exponent</b>	O R 1/15
			Power to which a unit is raised	
Not Used	C00115	649	<b>Multiplier</b>	O R 1/10
			Value to be used as a multiplier to obtain a new value	
	RPA05	954	<b>Percent</b>	X R 1/10
			Percentage expressed as a decimal	

*Enter the overhead or G&A percentage for the DD Form 1921-3.*

**Segment:** **PCT** Percent Amounts  
**Position:** 100  
**Loop:** HL Mandatory  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To qualify percent amounts and supply percent amounts  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

**Notes:** *The PCT (Percent) segment is used for the DD Forms 1921, 1921-2 and 1921-3. Use is optional for the DD Form 1921-3.*

#### Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	PCT01	1004	Percent Qualifier	M ID 1/2
			Code to qualify percent	
			<i>1. Use codes CR and CS to convey share ratio information on the DD Form 1921.</i>	
			<i>2. Use code 10, OH, and SC for the DD Form 1921-2.</i>	
			<i>3. Use code BS for the DD Form 1921-3 when a given program or project is split between firm and anticipated business (CLI06 is code 09) and it is necessary to show a percentage for the firm portion of the business.</i>	
		10	Complete	
			The percent of work completed for a given activity, task, or event	
		BS	Business Portion	
		CR	Contractor Share Ratio	
		CS	Customer Share Ratio	
		OH	Outside Hours	
			Percent of (labor) hours related to outside suppliers	
		SC	Subcontracted Costs	
			Percent of costs related to subcontractors	
Must Use	PCT02	954	Percent	M R 1/10
			Percentage expressed as a decimal	

**Segment:** **DTM** Date/Time Reference

**Position:** 110

**Loop:** HL Mandatory

**Level:** Detail

**Usage:** Optional

**Max Use:** >1

**Purpose:** To specify pertinent dates and times

**Syntax Notes:**

- 1 At least one of DTM02 DTM03 or DTM05 is required.
- 2 If DTM04 is present, then DTM03 is required.
- 3 If either DTM05 or DTM06 is present, then the other is required.

**Semantic Notes:**

**Comments:**

#### Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
Must Use	DTM01	374 Date/Time Qualifier	M ID 3/3

Code specifying type of date or time, or both date and time

*1. Use codes 090, 091, and 174 or 194 for the DD Form 1921-1 for the beginning and ending report period references as well as the month ending or period ending references for the line items in Section C.*

*2. Use codes 174, 194, 196, 197 (Section B, lines 32 through 39), 579, and 580 (Section C, schedule of release dates) for the DD Form 1921-2.*

*3. Use code 035 to indicate the date submitted (title block) and code 404 to indicate the buy quantity fiscal year reference for the DD Form 1921-3. Other dates relating to the DD Form 1921-3 are expressed with the CAL (Calendar) Segment.*

035	Delivered
090	Report Start
091	Report End
171	Revision

*Use this code for the DD Form 1921-2 to indicate the revised Planned Release date. Use this code only one time for each functional category.*

174	Month Ending
194	Period End
196	Start
197	End
404	Year Ending
579	Planned Release
580	Actual Release

<b>Must Use</b>	<b>DTM02</b>	<b>373</b>	<b>Date</b> Date expressed as CCYYMMDD	<b>X DT 8/8</b>
<b>Not Used</b>	<b>DTM03</b>	<b>337</b>	<b>Time</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	<b>X TM 4/8</b>
<b>Not Used</b>	<b>DTM04</b>	<b>623</b>	<b>Time Code</b> Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	<b>O ID 2/2</b>
<b>Not Used</b>	<b>DTM05</b>	<b>1250</b>	<b>Date Time Period Format Qualifier</b> Code indicating the date format, time format, or date and time format	<b>X ID 2/3</b>
<b>Not Used</b>	<b>DTM06</b>	<b>1251</b>	<b>Date Time Period</b> Expression of a date, a time, or range of dates, times or dates and times	<b>X AN 1/35</b>

<b>Segment:</b>	<b>PID</b> <b>Product/Item Description</b>
<b>Position:</b>	120
<b>Loop:</b>	HL Mandatory
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	>1
<b>Purpose:</b>	To describe a product or process in coded or free-form format
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 If PID04 is present, then PID03 is required.</li> <li>2 At least one of PID04 or PID05 is required.</li> <li>3 If PID07 is present, then PID03 is required.</li> <li>4 If PID08 is present, then PID04 is required.</li> <li>5 If PID09 is present, then PID05 is required.</li> </ol>
<b>Semantic Notes:</b>	<ol style="list-style-type: none"> <li>1 Use PID03 to indicate the organization that publishes the code list being referred to.</li> <li>2 PID04 should be used for industry-specific product description codes.</li> <li>3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.</li> <li>4 PID09 is used to identify the language being used in PID05.</li> </ol>
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.</li> <li>2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.</li> <li>3 PID07 specifies the individual code list of the agency specified in PID03.</li> </ol>
<b>Notes:</b>	<p><i>1. The PID (Product/Item Description) segment is an optional segment that can be used to describe specific lot or unit characteristics for the DD Form 1921-2. The free form description data element is used for this purpose. For specific measurements such as weights, use the MEA (Measurements) segment.</i></p> <p><i>2. This segment can also be used for the DD Form 1921-3 when a contractor is using unique overhead categories and requires additional text space to describe the category. This is only used when CLI04 is not sufficient to describe the category.</i></p>

## Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Must Use	PID01	349 Item Description Type	M ID 1/1
		Code indicating the format of a description	
		F Free-form	
Not Used	PID02	750 Product/Process Characteristic Code	O ID 2/3
		Code identifying the general class of a product or process characteristic	
Not Used	PID03	559 Agency Qualifier Code	X ID 2/2
		Code identifying the agency assigning the code values	
Not Used	PID04	751 Product Description Code	X AN 1/12



			A code from an industry code list which provides specific data about a product characteristic	
<b>Must Use</b>	<b>PID05</b>	<b>352</b>	<b>Description</b>	<b>X AN 1/80</b>
			A free-form description to clarify the related data elements and their content	
<b>Not Used</b>	<b>PID06</b>	<b>752</b>	<b>Surface/Layer/Position Code</b>	<b>O ID 2/2</b>
			Code indicating the product surface, layer or position that is being described	
<b>Not Used</b>	<b>PID07</b>	<b>822</b>	<b>Source Subqualifier</b>	<b>O AN 1/15</b>
			A reference that indicates the table or text maintained by the Source Qualifier	
<b>Not Used</b>	<b>PID08</b>	<b>1073</b>	<b>Yes/No Condition or Response Code</b>	<b>O ID 1/1</b>
			Code indicating a Yes or No condition or response	
<b>Not Used</b>	<b>PID09</b>	<b>819</b>	<b>Language Code</b>	<b>O ID 2/3</b>
			Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)	

<b>Segment:</b>	<b>MEA</b> Measurements
<b>Position:</b>	130
<b>Loop:</b>	HL Mandatory
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	>1
<b>Purpose:</b>	To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 At least one of MEA03 MEA05 MEA06 or MEA08 is required.</li> <li>2 If MEA05 is present, then MEA04 is required.</li> <li>3 If MEA06 is present, then MEA04 is required.</li> <li>4 If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.</li> <li>5 Only one of MEA08 or MEA03 may be present.</li> </ol>
<b>Semantic Notes:</b>	1 MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.
<b>Comments:</b>	1 When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.
<b>Notes:</b>	<i>The MEA (Measurement) segment is used to describe specific lot or unit measurement characteristics for the DD Form 1921-2. This is used in combination with the CLI (Cost Line Item) and PID (Product/Item Description - optional) segments to convey additional details about the item being manufactured.</i>

## Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Not Used	MEA01	737		Measurement Reference ID Code	O ID 2/2
				Code identifying the broad category to which a measurement applies	
	MEA02	738		Measurement Qualifier	O ID 1/3
				Code identifying a specific product or process characteristic to which a measurement applies	
				<i>Use any code that applies in the X12 data dictionary. Codes that are typically used include: DI for Diameter; DN for Density; EW for Empty Weight; G for Gross Weight; GW for Gross Weight, Maximum; HT for Height; LN for Length; U for Weight per Unit (for aircraft contracts, use this code for the airframe unit weight, this code is required for aircraft contracts); VOL for Volume; and WD for Width.</i>	
				Refer to 004010 Data Element Dictionary for acceptable code values.	
	MEA03	739		Measurement Value	X R 1/20
				The value of the measurement	
	MEA04	C001		Composite Unit of Measure	X
				To identify a composite unit of measure (See Figures Appendix for examples of use)	
Must Use	C00101	355		Unit or Basis for Measurement Code	M ID 2/2
				Code specifying the units in which a value is being expressed, or manner	

in which a measurement has been taken

*Use the code that applies.*

LO

Lot

*Use this code for an average measurement.*

UN

Unit

Not Used	C00102	1018	<b>Exponent</b>	<b>O R 1/15</b>
			Power to which a unit is raised	
Not Used	C00103	649	<b>Multiplier</b>	<b>O R 1/10</b>
			Value to be used as a multiplier to obtain a new value	
Not Used	C00104	355	<b>Unit or Basis for Measurement Code</b>	<b>O ID 2/2</b>
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00105	1018	<b>Exponent</b>	<b>O R 1/15</b>
			Power to which a unit is raised	
Not Used	C00106	649	<b>Multiplier</b>	<b>O R 1/10</b>
			Value to be used as a multiplier to obtain a new value	
Not Used	C00107	355	<b>Unit or Basis for Measurement Code</b>	<b>O ID 2/2</b>
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00108	1018	<b>Exponent</b>	<b>O R 1/15</b>
			Power to which a unit is raised	
Not Used	C00109	649	<b>Multiplier</b>	<b>O R 1/10</b>
			Value to be used as a multiplier to obtain a new value	
Not Used	C00110	355	<b>Unit or Basis for Measurement Code</b>	<b>O ID 2/2</b>
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00111	1018	<b>Exponent</b>	<b>O R 1/15</b>
			Power to which a unit is raised	
Not Used	C00112	649	<b>Multiplier</b>	<b>O R 1/10</b>
			Value to be used as a multiplier to obtain a new value	
Not Used	C00113	355	<b>Unit or Basis for Measurement Code</b>	<b>O ID 2/2</b>
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00114	1018	<b>Exponent</b>	<b>O R 1/15</b>
			Power to which a unit is raised	
Not Used	C00115	649	<b>Multiplier</b>	<b>O R 1/10</b>
			Value to be used as a multiplier to obtain a new value	
	MEA05	740	<b>Range Minimum</b>	<b>X R 1/20</b>
			The value specifying the minimum of the measurement range	
			<i>Optional. Make an entry if needed to fully describe the item.</i>	
	MEA06	741	<b>Range Maximum</b>	<b>X R 1/20</b>

The value specifying the maximum of the measurement range

***Optional. Make an entry if needed to fully describe the item.***

Not Used	MEA07	935	<b>Measurement Significance Code</b>	<b>O</b>	<b>ID 2/2</b>
			Code used to benchmark, qualify or further define a measurement value		
Not Used	MEA08	936	<b>Measurement Attribute Code</b>	<b>X</b>	<b>ID 2/2</b>
			Code used to express an attribute response when a numeric measurement value cannot be determined		
Not Used	MEA09	752	<b>Surface/Layer/Position Code</b>	<b>O</b>	<b>ID 2/2</b>
			Code indicating the product surface, layer or position that is being described		
Not Used	MEA10	1373	<b>Measurement Method or Device</b>	<b>O</b>	<b>ID 2/4</b>
			The method or device used to record the measurement		

<b>Segment:</b>	<b>MSG</b> Message Text
<b>Position:</b>	140
<b>Loop:</b>	HL Mandatory
<b>Level:</b>	Detail
<b>Usage:</b>	Optional
<b>Max Use:</b>	>1
<b>Purpose:</b>	To provide a free-form format that allows the transmission of text information
<b>Syntax Notes:</b>	1 If MSG03 is present, then MSG02 is required.
<b>Semantic Notes:</b>	1 MSG03 is the number of lines to advance before printing.
<b>Comments:</b>	1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc. 2 If MSG02 is "AA - Advance the specified number of lines before print" then MSG03 is required.
<b>Notes:</b>	<p><i>1. Use the MSG (Message Text) segment only at the report level (where HL03 is code RP) for DD Forms 1921 and 1921-3; and only at the WBS level (where HL03 is WB) for DD Forms 1921-1 and 1921-2. When entering text, be very specific about the data item the remarks apply to. Limit the use of this segment to convey relevant details that cannot be carried in other data elements.</i></p> <p><i>2. Use this segment to convey additional details about the total number of units for the DD Form 1921.</i></p> <p><i>3. Maximum use is 100.</i></p>

## Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	MSG01	933	Free-Form Message Text	M AN 1/264
			Free-form message text	
Not Used	MSG02	934	Printer Carriage Control Code	X ID 2/2
			A field to be used for the control of the line feed of the receiving printer	
Not Used	MSG03	1470	Number	O N0 1/9
			A generic number	

**Segment:** **SE** Transaction Set Trailer  
**Position:** 200  
**Loop:**  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:** 1 SE is the last segment of each transaction set.

#### Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Must Use	SE01	96 Number of Included Segments	M N0 1/10
		Total number of segments included in a transaction set including ST and SE segments	
Must Use	SE02	329 Transaction Set Control Number	M AN 4/9
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
		<i>SE02 is the same number as the number in ST02.</i>	